

Title (en)  
PHOTOVOLTAIC MODULE AND PRODUCTION METHOD THEREOF

Title (de)  
FOTOVOLTAISCHES MODUL UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
MODULE PHOTOVOLTAIQUE ET PROCEDE DE FABRICATION D'UN TEL MODULE

Publication  
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Application  
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Abstract (en)  
[origin: WO2004095586A2] The invention relates to a photovoltaic module comprising front (2) and rear (3) plates. In addition, an organic sealing joint (4) is disposed between the plates and defines an inner sealed volume (5) which is maintained at a pressure lower than atmospheric pressure and which contains the photovoltaic cells (1). The aforementioned sealing joint (4) is an organic joint, e.g. thermoplastic or polybutylene. According to the inventive method, the vacuum pressure is produced by means of suction. The method can comprise inert gas scavenging, the establishment of the vacuum pressure and compression sealing (P1). Said method can also comprise: partial sealing of the module, such as to leave two openings in the sealing joint (4); inert gas scavenging of the inner volume by means of the two openings; the establishment of the vacuum pressure; and, subsequently, the blocking of said openings.

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